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RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/225,502DATE: 01/15/1999  
TIME: 12:26:06

Input Set: I225502.RAW

This Raw Listing contains the General Information  
Section and up to first 5 pages.

new format  
see p.5

ENTERED

1 <110> APPLICANT: Moore, et al.  
2 <120> TITLE OF INVENTION: Human FK506 Binding Proteins  
3 <130> FILE REFERENCE: PF392  
4 <140> CURRENT APPLICATION NUMBER: US/09/225,502  
5 <141> CURRENT FILING DATE: 1999-01-06  
6 <150> EARLIER APPLICATION NUMBER: 60/070,875  
7 <151> EARLIER FILING DATE: 1998-01-09  
8 <160> NUMBER OF SEQ ID NOS: 8  
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20 Met Phe Pro Ala Gly Pro Pro Ser His Ser Leu Leu Arg Leu Pro Leu  
21 1 5 10 15  
22 ctg cag ttg ctg cta ctg gtg gtg cag gcc gtg ggg agg ggg ctg ggc 156  
23 Leu Gln Leu Leu Leu Leu Val Val Gln Ala Val Gly Arg Gly Leu Gly  
24 20 25 30  
25 cgc gcc agc ccg gcc ggg ggc ccc ctg gaa gat gtg gtc atc gag agg 204  
26 Arg Ala Ser Pro Ala Gly Gly Pro Leu Glu Asp Val Val Ile Glu Arg  
27 35 40 45  
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29 Tyr His Ile Pro Arg Ala Cys Pro Arg Glu Val Gln Met Gly Asp Phe  
30 50 55 60  
31 gtg cgc tac cac tac aac ggc act ttt gaa gat ggc aag aag ttt gat 300  
32 Val Arg Tyr His Tyr Asn Gly Thr Phe Glu Asp Gly Lys Lys Phe Asp  
33 65 70 75 80  
34 tca agc tat gat cgc aac acc ttg gtg gcc atc gtg gtg ggt gtg ggg 348  
35 Ser Ser Tyr Asp Arg Asn Thr Leu Val Ala Ile Val Val Gly Val Gly  
36 85 90 95  
37 cgc ctc atc act ggc atg gac cga ggc ctc atg ggc atg tgt gtc aac 396  
38 Arg Leu Ile Thr Gly Met Asp Arg Gly Leu Met Gly Met Cys Val Asn  
39 100 105 110  
40 gag cgg cga cgc ctc att gtg cct ccc cac ctg ggc tat ggg agc atc 444  
41 Glu Arg Arg Arg Leu Ile Val Pro Pro His Leu Gly Tyr Gly Ser Ile  
42 115 120 125  
43 ggc ctg gcg ggg ctc att cca ccg gat gcc acc ctc tac ttc gat gtg 492  
44 Gly Leu Ala Gly Leu Ile Pro Pro Asp Ala Thr Leu Tyr Phe Asp Val

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54          180          185          190
55      acc agc tac agt aag ggc ggc act tat gac acc tac gtc ggc tct ggt 684
56      Thr Ser Tyr Ser Lys Gly Gly Thr Tyr Asp Thr Tyr Val Gly Ser Gly
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62      Gln Arg Arg Lys Ile Ile Ile Pro Pro Phe Leu Ala Tyr Gly Glu Lys
63          225          230          235          240
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91          20          25          30
92      Arg Ala Ser Pro Ala Gly Gly Pro Leu Glu Asp Val Val Ile Glu Arg
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94      Tyr His Ile Pro Arg Ala Cys Pro Arg Glu Val Gln Met Gly Asp Phe

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98 Ser Ser Tyr Asp Arg Asn Thr Leu Val Ala Ile Val Val Gly Val Gly
99          85          90          95
100 Arg Leu Ile Thr Gly Met Asp Arg Gly Leu Met Gly Met Cys Val Asn
101          100          105          110
102 Glu Arg Arg Arg Leu Ile Val Pro Pro His Leu Gly Tyr Gly Ser Ile
103          115          120          125
104 Gly Leu Ala Gly Leu Ile Pro Pro Asp Ala Thr Leu Tyr Phe Asp Val
105          130          135          140
106 Val Leu Leu Asp Val Trp Asn Lys Glu Asp Thr Val Gln Val Ser Thr
107          145          150          155          160
108 Leu Leu Arg Pro Pro His Cys Pro Arg Met Val Gln Asp Gly Asp Phe
109          165          170          175
110 Val Arg Tyr His Tyr Asn Gly Thr Leu Leu Asp Gly Thr Ser Phe Asp
111          180          185          190
112 Thr Ser Tyr Ser Lys Gly Gly Thr Tyr Asp Thr Tyr Val Gly Ser Gly
113          195          200          205
114 Trp Leu Ile Lys Gly Met Asp Gln Gly Leu Leu Gly Met Cys Pro Gly
115          210          215          220
116 Gln Arg Arg Lys Ile Ile Ile Pro Pro Phe Leu Ala Tyr Gly Glu Lys
117          225          230          235          240
118 Gly Tyr Gly Glu Gly Gly Gln Gly His Lys Gly Lys Phe Arg Arg Arg
119          245          250          255
120 Gly Lys Asn Gln Ala Ser Thr Tyr Ser Cys Ser Gly Cys Ile Leu His
121          260          265          270
122 Glu Gly Ile Gln Pro Arg Thr Gln Gly Gly Met Lys Ser Thr Leu Gly
123          275          280          285
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139 gtg agc aca ttg ctg cgc ccg ccc cac tgc ccc cgc atg gtc cag gac 97
140 Val Ser Thr Leu Leu Arg Pro Pro His Cys Pro Arg Met Val Gln Asp
141          20          25          30
142 ggc gac ttt gtc cgc tac cac tac aat ggc acc ctg ctg gac ggc acc 145
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149	Gly Ser Gly Trp Leu Ile Lys Gly Met Asp Gln Gly Leu Leu Gly Met	
150	65 70 75 80	
151	tgt cct gga gag aga agg aag att atc atc cct cca ttc ctg gcc tat	289
152	Cys Pro Gly Glu Arg Arg Lys Ile Ile Ile Pro Pro Phe Leu Ala Tyr	
153	85 90 95	
154	ggc gag aaa ggc tat ggg aca gtg atc ccc cca cag gcc tcg ctg gtc	337
155	Gly Glu Lys Gly Tyr Gly Thr Val Ile Pro Pro Gln Ala Ser Leu Val	
156	100 105 110	
157	ttt cac gtc ctc ctg att gac gtg cac aac ccg aag gac gct gtc cag	385
158	Phe His Val Leu Leu Ile Asp Val His Asn Pro Lys Asp Ala Val Gln	
159	115 120 125	
160	cta gag acg ctg gag ctc ccc ccc ggc tgt gtc cgc aga gcc ggg gcc	433
161	Leu Glu Thr Leu Glu Leu Pro Pro Gly Cys Val Arg Arg Ala Gly Ala	
162	130 135 140	
163	ggg gac ttc atg cgc tac cac tac aat ggc tcc ttg atg gac ggc acc	481
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166	ctc ttc gat tcc agc tac tcc cac aac cac acc tac aat acc tat atc	529
167	Leu Phe Asp Ser Ser Tyr Ser His Asn His Thr Tyr Asn Thr Tyr Ile	
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170	Gly Gln Gly Tyr Ile Ile Pro Gly Met Asp Gln Gly Leu Gln Gly Ala	
171	180 185 190	
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173	Cys Met Gly Glu Arg Arg Arg Ile Thr Ile Pro Pro His Leu Ala Tyr	
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176	Gly Glu Asn Gly Thr Gly Asp Lys Ile Pro Gly Ser Ala Val Leu Ile	
177	210 215 220	
178	ttc aac gtc cat gtc att gac ttc cac aac cct gcg gat gtg gtg gaa	721
179	Phe Asn Val His Val Ile Asp Phe His Asn Pro Ala Asp Val Val Glu	
180	225 230 235 240	
181	atc agg aca ctg tcc cgg cca tct gag acc tgc aat gag acc acc aag	769
182	Ile Arg Thr Leu Ser Arg Pro Ser Glu Thr Cys Asn Glu Thr Thr Lys	
183	245 250 255	
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185	Leu Gly Asp Phe Val Arg Tyr His Tyr Asn Cys Ser Leu Leu Asp Gly	
186	260 265 270	
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188	Thr Gln Leu Phe Thr Ser His Asp Tyr Gly Ala Pro Gln Glu Ala Thr	
189	275 280 285	
190	ctc ggg gcc aac aag gtg atc gaa ggc ctg gac acg ggc ctg cag ggc	913
191	Leu Gly Ala Asn Lys Val Ile Glu Gly Leu Asp Thr Gly Leu Gln Gly	
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193	atg tgt gtg gga gag agg cgg cag ctc atc gtg ccc ccg cac ctg gcc	961
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**RAW SEQUENCE LISTING**  
**PATENT APPLICATION US/09/225,502**

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 TIME: 12:26:06

Input Set: I225502.RAW

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200      Phe Glu Val Glu Leu Val Ser Arg Glu Asp Gly Leu Pro Thr Gly Tyr
201      340      345      350
202      ctg ttt gtg tgg cac aag gac cct cct gcc aac ctg ttt gaa gac ata 1105
203      Leu Phe Val Trp His Lys Asp Pro Pro Ala Asn Leu Phe Glu Asp Ile
204      355      360      365
205      gac ctc aac aag gat ggc gag gtc cct ccg gag gag ttc tcc acc ttc 1153
206      Asp Leu Asn Lys Asp Gly Glu Val Pro Pro Glu Glu Phe Ser Thr Phe
207      370      375      380
208      atc aag gct caa gtg agt gag ggc aaa gga cgc ctc atg cct ggg cag 1201
209      Ile Lys Ala Gln Val Ser Glu Gly Lys Gly Arg Leu Met Pro Gly Gln
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211      gac cct gag aaa acc ata gga gac atg ttc cag aac cag gac cgc aac 1249
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216      420      425      430
217      gac gag gag cgg gtc cac gag gag ctc tgaggggcag ggagcctggc 1344
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244      35 40 45

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**Please Note:**

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Input Set: I225502.RAW

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501	W "N" or "Xaa" used: Feature required	gccaaccatg atttgtgagc cttctgggaa attttggt
505	W "N" or "Xaa" used: Feature required	tattcccagc agcctgtgca aattctgatg atggcccc
506	W "N" or "Xaa" used: Feature required	acatcawgct tttccagctc atcacacccc gcccant
507	W "N" or "Xaa" used: Feature required	atnanttga ggntaaaaga gccttttgga cagaaaac
508	W "N" or "Xaa" used: Feature required	gaccacaaat agagaatttg attcgtcatt tgccacan
509	W "N" or "Xaa" used: Feature required	tttccttnan ananatttna ntttttctg gaggcaga
569	W "N" or "Xaa" used: Feature required	Gly Leu Leu Gly Val Cys Ile Gly Glu Lys A
587	W "N" or "Xaa" used: Feature required	Ala Val Leu Val Phe Asp Ile Glu Xaa Leu G